

50mm, free of scab. Very heavy cropload.

PI 600517. *Malus sieversii* (Ledeb.) M. Roem.

Wild. Kaz 95 09-04F; GMAL 3628. Collected 08/31/1995 in Kazakhstan. Latitude 47 deg. 16' 41'' N. Longitude 81 deg. 35' 59'' E. Elevation 1120 m. Semipalitinsk Region (Tarbagatai Mountain Range). 20 km. North of Urdzhar, 6 km. East-Northeast of Alekseyevka, on separate jeep trail. East Valley collection site. Collected on north end on flat by East River. Slope incline 5 degrees. Aspect: East. Habitat destroyed by grazing. Dominant tree sp.: *M. sieversii*. Dominant shrub sp.: *Rosa*; Associated-*Lonicera*, *Rubus*. Dominant herbaceous: *Malva*; Assoc.-*Fragaria*. Sampled 15 fruits from 1 tree. Fruit is firm with aromatic flesh flavor, juicy, water core. Over color is 70% red. Spur type tree.

PI 600518. *Malus sieversii* (Ledeb.) M. Roem.

Wild. Kaz 95 09-05F; GMAL 3629. Collected 08/31/1995 in Kazakhstan. Latitude 47 deg. 16' 41'' N. Longitude 81 deg. 35' 59'' E. Elevation 1120 m. Semipalitinsk Region (Tarbagatai Mountain Range). 20 km. North of Urdzhar, 6 km. East-Northeast of Alekseyevka, on separate jeep trail. East Valley collection site. Collected on north end on flat by East River. Flat slope. Dominant tree sp.: *M. sieversii*. Dominant shrub sp.: *Rosa*; Associated-*Lonicera*, *Rubus*. Dominant herbaceous: *Malva*; Assoc.-*Fragaria*. Sampled 30 fruits from 1 tree. Fruit is firm with aromatic flesh flavor. Fruit size is larger than 50mm. Very heavy cropload. Same as accession GMAL 3829.

PI 600519. *Malus sieversii* (Ledeb.) M. Roem.

Wild. Kaz 95 09-02L; GMAL 3630. Collected 08/31/1995 in Kazakhstan. Latitude 47 deg. 16' 41'' N. Longitude 81 deg. 35' 59'' E. Elevation 1120 m. Semipalitinsk Region (Tarbagatai Mountain Range). 20 km. North of Urdzhar, 6 km. East-Northeast of Alekseyevka, on separate jeep trail. East Valley collection site. Collected on north end on flat by East River. Slope incline 10 degrees. Aspect: East. Dominant tree sp.: *M. sieversii*. Dominant shrub sp.: *Rosa*; Associated-*Lonicera*, *Rubus*. Dominant herbaceous: *Malva*; Assoc.-*Fragaria*. Sampled 30 fruits from 1 tree. Fruit is firm with aromatic flesh flavor. Fruit size is larger than 50mm.

PI 600520. *Malus sieversii* (Ledeb.) M. Roem.

Wild. Kaz 95 09-03L; GMAL 3631. Collected 08/31/1995 in Kazakhstan. Latitude 47 deg. 16' 41'' N. Longitude 81 deg. 35' 59'' E. Elevation 1120 m. Semipalitinsk Region (Tarbagatai Mountain Range). 20 km. North of Urdzhar, 6 km. East-Northeast of Alekseyevka, on separate jeep trail. East Valley collection site. Collected on north end on flat by East River. Slope incline 10 degrees. Aspect: East. Dominant tree sp.: *M. sieversii*. Dominant shrub sp.: *Rosa*; Associated-*Lonicera*, *Rubus*. Dominant herbaceous: *Malva*; Assoc.-*Fragaria*. Sampled 30 fruits from 1 tree. Fruit is firm with aromatic flesh flavor. Fruit size is larger than 50mm. Looks clean of scab. Hail damage detected.

PI 600521. *Malus sieversii* (Ledeb.) M. Roem.

Wild. Kaz 95 09-02D; GMAL 3632. Collected 08/31/1995 in Kazakhstan. Latitude 47 deg. 16' 40'' N. Longitude 81 deg. 35' 53'' E. Elevation 1120 m. Semipalitinsk Region (Tarbagatai Mountain Range). 20 km. North of Urdzhar, 6 km. East-Northeast of Alekseyevka, on separate jeep trail.